

Plainview, TX and Starkville, MS, days to 50% anthesis 72 and 70, and plant height 213 and 216 cm. respectively.

PI 599730. *Sorghum bicolor* (L.) Moench

Breeding. Pureline. MP 64; (BMR Sudan 4)-23-1-1-3. Pedigree - [(Piper BMR 6*(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-30-3-5-2]-23-1-1-3. Inbred 19 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-open, exsertion approx. 8 cm. Seed weight 1.25 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 72 and 69, and plant height 198 and 226 cm. respectively.

PI 599731. *Sorghum bicolor* (L.) Moench

Breeding. Pureline. MP 65; (SUDBMR1*IS7173C)-1-2-1-1. Pedigree - [(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-16-3-1-2*IS7173C]-1-2-1-1. Inbred 1 of 20 (Group 3) with acid-soil tolerance. Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle open, exsertion approx. 15 cm. Seed weight 2.30 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 70 and 64, and plant height 155 and 229 cm. respectively.

PI 599732. *Sorghum bicolor* (L.) Moench

Breeding. Pureline. MP 66; (SUDBMR1*IS7173C)-2-1-2-2. Pedigree - [(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-16-3-1-2*IS7173C]-2-1-2-2. Inbred 2 of 20 (Group 3) with acid-soil tolerance. Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle open, exsertion approx. 25 cm. Seed weight 2.55 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 68 and 71, and plant height 180 and 207 cm. respectively.

PI 599733. *Sorghum bicolor* (L.) Moench

Breeding. Pureline. MP 67; (SUDBMR1*IS7173C)-3-1-1-1. Pedigree - [(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-16-3-1-2*IS7173C]-3-1-1-1. Inbred 3 of 20 (Group 3) with acid-soil tolerance. Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 20 cm. Seed weight 2.27 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 67 and 64, and plant height 162 and 204 cm. respectively.

PI 599734. *Sorghum bicolor* (L.) Moench

Breeding. Pureline. MP 68; (SUDBMR1*IS7173C)-4-1-1-1. Pedigree - [(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-16-3-1-2*IS7173C]-4-1-1-1. Inbred 4 of 20 (Group 3) with acid-soil tolerance. Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle open, exsertion approx. 30 cm. Seed weight 2.49 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 67 and 70, and plant height 177 and 216 cm.